

## § 1210.5

## 14 CFR Ch. V (1–1–01 Edition)

the start of installation of the test article in the wind tunnel test section through the time that the test article is removed from the test section and the test section is restored to its original condition.

(ii) The occupancy time rate will be determined in accordance with NASA Management Instruction 9080.1.

(2) *Energy/Fuel.* The charge for energy/fuel will be determined from the energy/fuel consumed during the tests and the actual cost to NASA.

(3) *Data reduction.* The cost of data reduction and the data report will include labor, materials, computational costs, and appropriate indirect charges in accordance with NASA Management Instruction 9080.1.

(4) *Cancellation of scheduled wind tunnel time.* Upon determination of a test schedule by the representatives of the company and of NASA, it becomes the responsibility of the company to meet this schedule. A project may be cancelled by the company without charge on 60 days' notice if succeeding projects are ready for testing and can be moved into the company's previously scheduled time. In the event subsequently scheduled work cannot be scheduled in lieu of the company's work, when cancelled with less than 60 days' notice, the company shall be required to pay the occupancy time charge for the scheduled test period or for the period the facility test section is idle due to the cancellation, whichever results in the smaller charge. Curtailment of a project underway before the end of the scheduled test period may be made by the company. In this event, the company shall be required to pay the occupancy charge for the time used plus the unused scheduled time or for the idle time of the test section, whichever is the smaller.

(5) *High-power requirements.* Unavailability of adequate power or economic considerations may, on occasion, cause delay or cancellation of high-powered test runs. The company shall cooperate with the facility staff in the scheduling of low-powered runs during periods when large blocks of power are unavailable. However, should rescheduling of test runs to accommodate power shortages be impractical, occupancy time charge credits will be made for time

lost arising from such shortages. The basis for these credits, which will also be made for delays due to breakdown or malfunction of Government-furnished equipment or instrumentation, or due to other reasons beyond the control of the company, will be determined by each center. For example, the test period allotted for the program may be extended to offset delays in lieu of a refund.

(d) *Test data transmittal.* The basic data for company projects will be transmitted to the requesting company without detailed analysis but with the necessary description of methods and techniques employed to permit proper interpretation of the data.

(e) *Proprietary rights.* In order to protect the trade secrets of companies, NASA will generate one set of final results, which will become the property of the company and be promptly transmitted to the company. If, subsequently, there is need to review the results, it will be the responsibility of the company to provide the NASA center with copies of the resulting data. Upon completion of the review, the data will be returned to the company. Should the company desire to maintain its trade secret rights in the data during the loan period, it should mark the data with a notice stating that the data shall not be used or disclosed other than for review purposes without prior written permission of the company. NASA, in turn, will protect that data covered by the notice which is protected under the law as a trade secret.

(f) *Test preparation and conduct.* See § 1210.6.

### § 1210.5 Government projects.

(a) *Initiation of Government projects.* Government projects shall be initiated through a conference of representatives from the contracted company, the sponsoring Government agency, and the staff of the NASA center having responsibility for the facility proposed for the project. The purpose of the conference will be to establish the technical basis for the project and why the NASA facility is required as well as to define the extent of the test program, model and instrumentation requirements, and schedule. Upon concurrence

of the NASA staff, the sponsoring Government agency will submit a letter of request to the Center Director. A Safety Analysis Report (SAR) will be required, describing the potential hazards that the project test program, model, and equipment may present to NASA facilities and personnel, as well as other documentation required by the facility management to assure that safety requirements have been met.

(b) *Scheduling of tests.* In scheduling time for Government projects, the responsible NASA center will consider the merits of all projects, including Government, company, and NASA research work relative to the national interest and priorities specified in § 1210.3. Every reasonable attempt will be made to accommodate technically justifiable projects on a timely basis.

(c) *Test data transmittal.* The basic data for Government projects, without detailed analysis but with the necessary description of methods and techniques employed to permit the proper interpretation of the data, will be transmitted to the company for whom the tests were made and to the sponsoring Government agency. Further disclosure by NASA of the test results will be made only with the prior concurrence of the sponsoring Government agency.

#### § 1210.6 Test preparation and conduct.

(a) *Programming by user.* The user will be given the greatest possible freedom within the objectives of the scheduled program to obtain the quality and quantity of information desired, to determine the sequence and number of test runs to be made, and to make modifications to the program arising from the results obtained, subject to requirements of safety, energy conservation, practicability, and the total time assigned.

(b) *Model systems criteria.* Information will be furnished for each facility on the permissible size of model, standard balances, safety margins to be used in the design of models, model mounting details, and other pertinent factors. All model systems criteria required by the facility for safety consideration including the necessary drawings and stress analyses of the articles to be tested will be furnished at a time specified by

the facility staff for their use in preparing for the test.

(c) *Instrumentation.* Each facility will provide basic instrumentation suitable for the test range of the respective facility and computing equipment for the reduction of test data. If the basic instrumentation furnished by the facility does not meet these test requirements, the user will provide suitable instrumentation which will be calibrated by the facility staff to ensure accuracy of measurement. This Instrumentation will be made available sufficiently in advance of the test date to accomplish the calibration. Serious delays arising from inaccuracies in user supplied instrumentation, if occurring during the scheduled test period, may result in reassignment of the position of the tests on the facility schedule. Detailed specifications and arrangements for special instrumentation will be established by mutual agreement. The user will be required to furnish all information necessary to prepare the data reduction software program at a date specified by the facility staff.

(d) *Test program.* All tests will be conducted under NASA supervision and by NASA personnel or by NASA support service contractor personnel unless approved otherwise by the facility manager. The test program shall be approved by NASA personnel before the test project is accepted. By agreement between the user (company representatives or the requesting agency) and the center staff, changes in the test program may be made within the objectives of the scheduled program if time is available. When tests are not totally conducted by NASA personnel or by NASA support service contractor personnel, the NASA Field Installation Safety Officer shall verify that the user personnel are fully cognizant of facility safety problems and operations. A current SAR on the facility shall be available to the user personnel for review.

(e) *Test data.* The NASA staff will be responsible for obtaining all test data, its reduction to suitable coefficient form, and the accuracy of the final data, but NASA will assume no responsibility for the interpretation of the data by others. Transmittal of the data